

Title (en)

Locking means for locking easily different mould sizes on the thermoforming machine

Title (de)

Verriegelungseinrichtung zum Verriegeln bzw. Befestigen von unterschiedlich grossen Formwerkzeugen auf der Warmvormmaschine

Title (fr)

Dispositif de verrouillage pour verrouiller des moules de dimensions différentes pour une machine de thermoformage

Publication

EP 0985514 B1 20020515 (DE)

Application

EP 99116642 A 19990826

Priority

DE 19840940 A 19980908

Abstract (en)

[origin: EP0985514A2] Deep-drawing machine has quick-fastening attachments for mold and spacers, limiting single set of costly clamping components to mold table, whilst fitting cheap and simple attachments to potentially-numerous molds Spacer strips (12) are locked to sections (15) fastened to the mold base plate (11). Preferred features: bolts (15) or tongues include transverse grooves (16). A locking section (19) is slid or rotated into engagement in the groove. The locking section is operated manually, pneumatically, hydraulically or by motor. It is forked, and has two tines with symmetrical end bevels. A variant, in which the opposite section is a clamping roller, with D-cam cross section and stops, is further detailed.

IPC 1-7

B29C 51/26; **B29C 51/30**; **B29C 33/30**

IPC 8 full level

B29C 33/30 (2006.01); **B29C 51/26** (2006.01); **B29C 51/30** (2006.01)

CPC (source: EP)

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EP 0985514 A2 20000315; **EP 0985514 A3 20000322**; **EP 0985514 B1 20020515**; AT E217571 T1 20020615; DE 19840940 C1 20000330; DE 59901437 D1 20020620

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